

# AIRPOP QUALITY PACK

European Center of Competence  
for EPS Quality Pack issues

# THE NEED

- » SELF REGULATED MARKET
- » DETAILED AND SPECIALIZED  
DIRECT INFORMATION  
OPEN AND FREE



# THE ANSWER

- » CREATION OF THE  
COMPETENCE CENTER

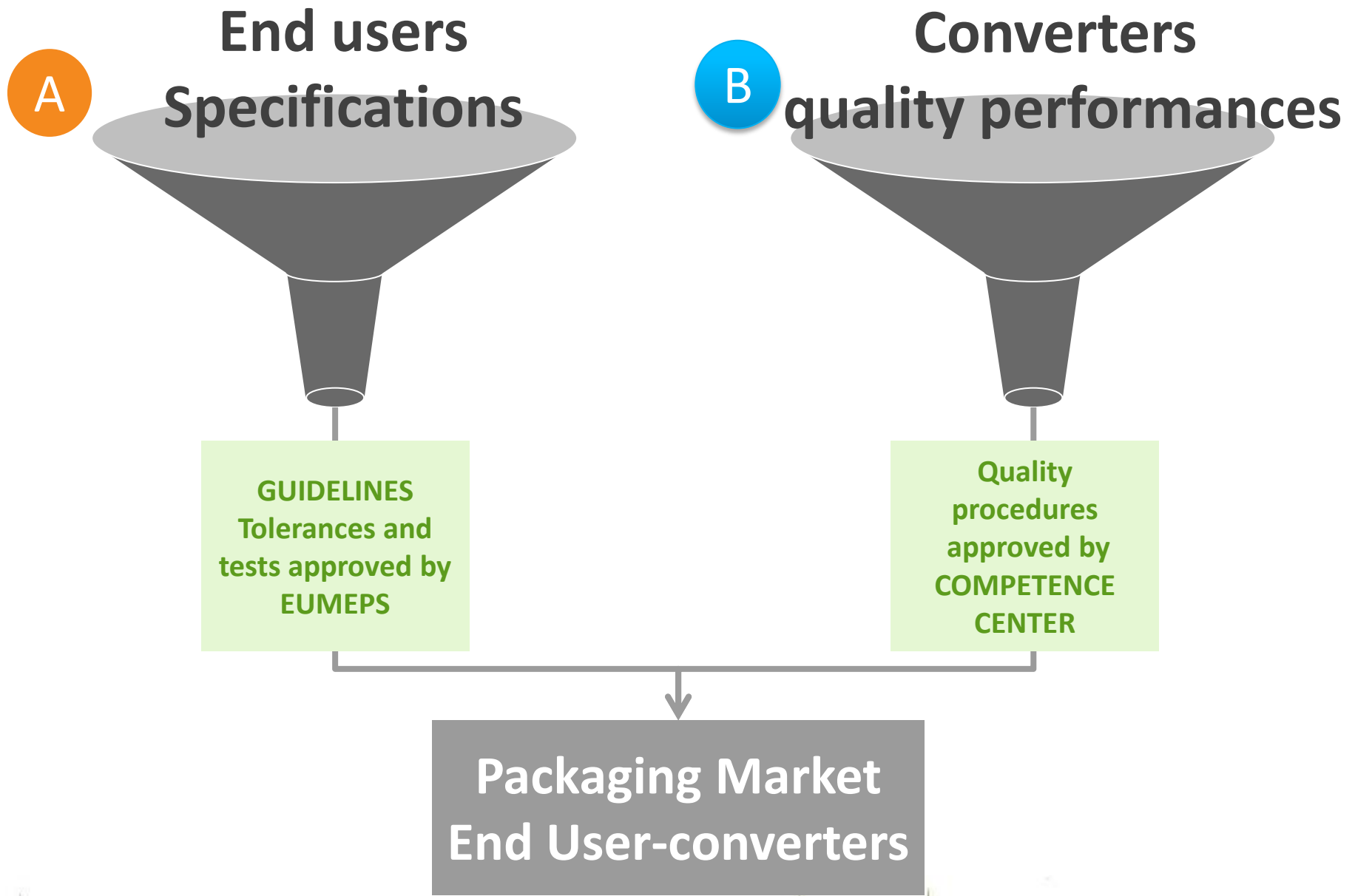


# THE COMPETENCE CENTER

- » It's a EUMEPS sponsored center
- » Consist as conjunction point between EPS converters and end-users
- » Guarantee the end-user's expectations about the performance of the converters
- » Develop and approve technical specifications related to tolerances, measurement tools and density, pentane loss, withdrawal....
- » Develop independent and not binding opinion on specific cases (raised by end users or converters)
- » The Competence Center European Committee could be composed by three members :
  - » Relevant members of power parts market
  - » From three different nations
  - » From different background/expertize (safety products, food, home appliance -logistics, pharma )

# COMPETENCE CENTER «CAN DO» ATTITUDE

- » **More practical than scientific approach: ANY PROCEDURE IS ADDRESSED TO PRODUCTION PEOPLE NOT LABORATORIES !!**
- » **Scientific based but useful and easy to learn for production people**
- » **Very flexible and open to NA's "OPERATIVE" market needs**
- » **A two way information flow from the competence center to NA's association**



# PROPOSALS FOR ACTIVITIES





A



# ACTIVITIES 2014/2015



Creation of a database including European Standard, ISO and specifications for EPS concerning materials, characteristics and performances of the packaging

**END USERS REQUIREMENTS**

Ppm  
Fusion  
Tolerances

Density  
Specific weight  
Pentane loss  
EPS Tests

**EUMEPS POWER PARTS  
GUIDELINES**



A



**Creation of a reserved area in EUMEPS  
website, dedicated to the Center of  
Competence  
(free for members- paid by others)**

**Website EUMEPS**

**Dedicated area :  
AIRPOP QUALITY PACK- Center of Competence**

A

SPECIFICATION  
GUIDELINES

REQUEST FOR  
NON BINDING  
OPINION

FAQ

## WEBSITE STRUCTURE AND RELEVANT CONTENTS

EN ISO  
STANDARDS  
FOR EPS

NATIONAL  
REGULATIONS

EUROPEAN  
DIRECTIVES

ENVIRONM  
ENT LCA  
EPD

RECYCLE  
REUSE

WASTE  
TO ENERGY

DESIGN  
. Thermal  
aspects  
. Mechanical  
aspects

DESIGN  
The second  
life of  
packaging

EUROPEAN  
REGISTER OF  
RECYCLERS

PRESS  
REVIEW

PHOTO  
GALLERY

BIBLIOGRAPHY

EDUCATION AREA

- STUDENTS
- TEACHERS

- Support for research works
- Visit to factories
- Request for documents

TRAINING SESSIONS  
FOR END USERS

B



# ACTIVITIES 2015/2016

B



Excellence audit

**Survey of written procedures for quality control (performed by the competence center through NAs) directly in the facilities of some manufacturers of EPS packaging**

Confidentiality

Converter Factory Check-in

Direct comparison between the actual procedures used and proposed guidelines

Internal quality  
protocol

**Set of procedures implemented by the EPS packaging manufacturers to check mechanical performances of the manufactured packaging (e.g. drop test, clamping, flexural test,...)**

**Definition of the characteristics to be checked and necessary equipment required**



# Official presentation of final version of the guidelines to the main end users

Drawing up the document «Guidelines » in the final version including all parameters and tests required by the end users





## Discussion with end users and retailers (logistic chain) on the quality and validity of the guideline content

The guidelines will be sent to the interviewed  
companies for the relevant comments and  
integrations



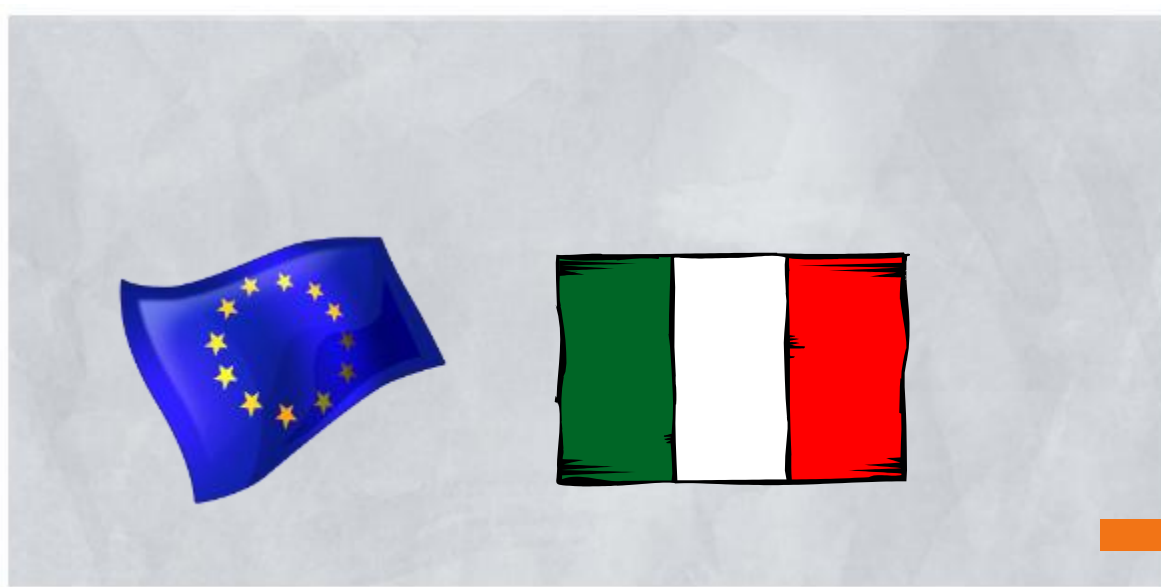
# **FUTURE ACTIVITIES OF THE EUROPEAN CENTER OF COMPETENCE**

- » **NA's Tasks force visiting some converters and end users in order to collect feedbacks on the results**
- » **Unique European Technical Specification for packaging products**



## **2020 – European Power parts Quality Circle (EPQC)**

- » **Periodical audits by independent auditors (e.g. TUV, FIW)**
- » **Converters Certification of EPQC members**



**THANK YOU !**

